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FOREIGN PATENT DOCUMENTS U.S. 5, 528, 390					···						
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FOREIGN PATENT DOCUMENTS U.S. DOT-1 331 076 OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the author (in Cook, magazine, journal, seriel, symposium, catalog, etc.), day, page(s), volume-issue number(s), publisher, city and/or country when published. K. WOLF, STANLEY, Ph.D. and TAUBER, RICHARD N., Ph.D.; Silicon Processing for the VLSI Era, 2000; pp. 515-635; Volume 1: Process Technology Second Edition; Lattice Press, Sunset Beach, California. M. MARDER, SETH, et al.; "Materials Absorb Two Photons, Generate Acid on Cue"; UniSci Daily University Science News; May 13, 2002; <a "compil="" 13,="" 2002;="" a="" absorb="" acid="" advance="" archiv="" archiv475-e.html="" collaborate="" cornell<="" cue";="" daily="" generate="" href="http://www.stp-gateway.de/Archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/archiv/</td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td> US- US-</td><td>*</td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FOREIGN PATENT DOCUMENTS Foreign Patent Document Aminer Cite No. Dountry Code<sup>3</sup> - Number<sup>4</sup> - Kind Code<sup>5</sup> (if known) DT-1 331 076 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, megazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published. K WOLF, STANLEY, Ph.D. and TAUBER, RICHARD N., Ph.D.; Silicon Processing for the VLSI Era, 2000; pp. 815-635; Volume 1: Process Technology Second Edition; Lattice Press, Sunset Beach, California. M MARDER, SETH, et el.; " http:="" in="" lor!:="" malor="" materials="" may="" microfabrication";="" n="" news;="" on="" photons,="" researchers="" science="" stiles="" td="" two="" unisci="" university="" www.stp-gateway.de=""><td></td><td></td><td>US-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td>			US-								
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FOREIGN PATENT DOCUMENTS Taminer Cite					 						
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MOLF, STANLEY, Ph.D. and TAUBER, RICHARD N., Ph.D.; Silicon Processing for the VLSI Era, 2000; pp. 615-635; Volume 1: Process Technology Second Edition; Lattice Press, Sunset Beach, California. L MÜTZEL, MARIO; "Building 3D Nanostructures with Holograms"; STP-Gateway; April 3, 2002; http://www.stp-gateway.de/Archiv/archiv/475-e,html MARDER, SETH, et al.; "Materials Absorb Two Photons, Generate Acid on Cue"; UniSci Daily University Science News; May 13, 2002; http://unisci.com/stories/20022/0513023.htm			tn								-2
WOLF, STANLEY, Ph.D. and TAUBER, RICHARD N., Ph.D.; Silicon Processing for the VLSI Era, 2000; pp. 615-635; Volume 1: Process Technology Second Edition; Lattice Press, Sunset Beach, California. L MÜTZEL, MARIO; "Building 3D Nanostructures with Holograms"; STP-Gateway, April 3, 2002; http://www.stp-gateway.de/Archiv/archiv/475-e.html M MARDER, SETH, et al.; "Materials Absorb Two Photons, Generate Acid on Cue"; UniSci Daily University Science News; May 13, 2002; http://unisci.com/stories/20022/0513023.htm N STILES LORI; "Cornell Researchers Collaborate on a Major Advance in Microfabrication"; Cornell		No.							volume-issu	9	'•
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N STILES, LORI; "Comell Researchers Collaborate on a Major Advance in Microfabrication"; Comell Chronicle; May 16, 2002; http://www.news.comell.edu/Chronicle/02/5,16.02/Ober-3D fab.html		L	MÜTZEL, MARI	O; *Buildin ateway.de	g 3D Nanostru /Archiv/archiv4	ctures with 75-e,html	Hologran	ns"; STP-Gatew	ay; April	3, 2002;	
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